

## Message Text

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FM SECSTATE WASHDC

TO AMEMBASSY MOSCOW

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FOR SCIATT FROM AEC

EO11652 NA

TAGS: TECH, UR, US

SUBJ: ATOMIC ENERGY AGREEMENT: CTR COOPERATION

REQUEST SCIATT DELIVER FOLLOWING MESSAGE FROM R. HIRSCH,  
DIRECTOR, DIVISION OF CONTROLLED THERMONUCLEAR RESEARCH,  
USAEC TO Y. P. VELIKHOV: DEAR DR. VELIKHOV: DURING  
OUR RECENT DISCUSSION IN MOSCOW WE AGREED TO SUPPLY  
EACH OTHER WITH ALL NECESSARY INFORMATION CONCERNING  
FORTHCOMING EXCHANGES UNDER OUR PROTOCOL IN SUFFICIENT  
TIME TO PERMIT INVITATIONS TO BE ISSUED TWO MONTHS IN  
ADVANCE. I AM WRITING THEREFORE TO CONFIRM THE FIRST  
THREE EXCHANGES FOR 1974, ALL OF WHICH WILL TAKE PLACE  
IN THE UNITED STATES.

1. THEORY AND CALCULATION OF A TWO COMPONENT TOKAMAK  
AND THE HEATING OF A TOKAMAK PLASMA BY NEUTRAL  
BEAMS.

WE AGREED THAT THIS EXCHANGE WOULD INVOLVE THREE  
EXPERIMENTALISTS FOR THREE WEEKS AND THREE THEORISTS

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FOR TWO WEEKS AT PRINCETON AND OAK RIDGE. WE WOULD

RECOMMEND SEPTEMBER 9 AS THE STARTING DATE WITH SEPTEMBER 16 AS AN ALTERNATE. IN THIS REGARD, I WILL INFORM YOU WITHIN THE NEAR FUTURE OF SEVERAL SOVIETS THAT WE WOULD PROPOSE TO INVITE AS PARTICIPANTS IN THIS EXCHANGE IF THEIR SCHEDULES PERMIT AND IF THEIR PARTICIPATION IS ACCEPTABLE TO THE SCAE.

2. EXPERIMENTS ON SCYLLAC AND OTHER THETA PINCHES. LOS ALAMOS WILL HOST FOUR EXPERIMENTALISTS FOR THREE WEEKS. DUE TO A SEVERE HLUSING SHORTAGE DURING THE SUMMER MONTHS, THIS VISIT SHOULD TAKE PLACE DURING THE LAST THREE WEEKS OF SEPTEMBER, COMMENCING ON SEPTEMBER 9.

3. EXPERIMENTS ON MIRROR DEVICES. THE LIVERMORE LABORATORY WILL HOST TWO SOVIET VISITORS FOR THREE WEEKS BEGINNING EITHER ON SEPTEMBER 23 OR SEPTEMBER 30. IN ORDER TO COMPLY WITH OUR INFORMALLY AGREED-UPON PROCEDURES AND THEN ISSUE FORMAL INVITATIONS TWO MONTHS IN ADVANCE, WE WILL NEED TO HAVE THE NAMES OF THE NOMIATED SOVIET PARTICIPANTS AS SOON AS POSSIBLE, PREFERABLY BEFORE THE END OF THE FIRST WEEK IN JULY. PLEASE ALSO INDICATE WHICH OF THE OPTIONAL DATES FOR EXCHANGES 1 AND 3 ARE PREFERRED. WE ARE CURRENTLY WORKING ON OUR LIST OF PROPOSED EXCHANGES FOR CALENDAR YEAR 1975, AND WE HOPE TO HAVE IT APPROVED SOON. I WILL THEN SEND YOU A COPY TO SERVE AS THE BASIS FOR FINAL DISCUSSIONS IN OCTOBER. WE ARE ALL LOOKING FORWARD TO SUCCESSFUL INITIATION OF OUR EXCHANGE PROGRAM IN SEPTEMBER. SINCERELY,  
R. L. HIRSCH."  
SISCO

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